

Title (en)

Process for removal of sulfur and ash from coal.

Title (de)

Verfahren zum Entfernen von Schwefel und Asche aus Kohle.

Title (fr)

Procédé d'élimination du soufre et des cendres du charbon.

Publication

EP 0021780 A1 19810107 (EN)

Application

EP 80302042 A 19800617

Priority

US 5026479 A 19790619

Abstract (en)

[origin: US4270927A] A process for reducing the sulfur and ash content of coal wherein coal particles are treated in an aqueous slurry with a minor amount of hydrocarbon oil to form coal-oil aggregates having modified particle size and density characteristics. The coal-oil aggregates are separated from ash and mineral matter in the slurry by size separation means. Optionally, the coal particles may be treated with a conditioning agent prior to the aggregation step. Recovered coal particles comprise a substantial part of the feed carbon values.

IPC 1-7

C10L 9/00; **B03B 7/00**

IPC 8 full level

B03B 9/00 (2006.01); **B03D 1/02** (2006.01); **B03D 3/06** (2006.01); **C10L 9/00** (2006.01); **C10L 9/02** (2006.01)

CPC (source: EP US)

B03B 9/005 (2013.01 - EP US); **B03D 1/02** (2013.01 - EP US); **B03D 3/06** (2013.01 - EP US); **C10L 9/00** (2013.01 - EP US)

Citation (search report)

- US 1824326 A 19310922 - WALTER BROADBRIDGE, et al
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- US 3458044 A 19690729 - MOSS GERALD, et al
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Cited by

FR2517989A1; GB2121433A; WO8502791A1; WO8800248A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0021780 A1 19810107; AU 5919480 A 19810108; CA 1146893 A 19830524; JP S564692 A 19810119; US 4270927 A 19810602; ZA 803616 B 19810429

DOCDB simple family (application)

EP 80302042 A 19800617; AU 5919480 A 19800610; CA 353301 A 19800603; JP 8342380 A 19800619; US 5026479 A 19790619; ZA 803616 A 19800617